## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1164	spin\$1 near3 (filter\$6 or filtre\$6 or polariz\$5)	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/01 16:46
L2	2727950	(semiconduct\$5 or semi adj conduct\$4 or GaAs or silicon or Si or indium or arsenide\$1 or InAlAs or InGaAs)	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/01 16:30
L3	194083	(spin adj bulb or ((read\$3 or reproduc\$3) near2 (element\$1 or device\$1)) or mr or DOMR or mre or magneto adj2 (resistiv\$3 or resistance\$1) or magnetoresist\$5 or amr or magnetic\$4 adj2 (resistiv\$3 or resistance\$1) or SVMR or TuMR\$1 or CMR\$1 or GMR\$1 or spin adj2 valve\$1 or svmr\$1 or tjmr\$1 or tmj\$1 or tmr\$1 or mram\$1 or magnetic adj2 (memories or memory) or magnetic adj random adj access adj memor\$3 or DSV or TJM or macro adj magnetoresist\$5 or macromagnetoresist\$5 or piggyback or ((composite or combination or merged) adj4 head\$1)) or g11b005/39.ipc. or g11b005/33.ipc. or g11b005/127.ipc.	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/01 15:29
L4	823594	magnetic\$5	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/01 16:31
L5	946445	3 or 4	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/01 15:29
L6	2734183	gallium or 2	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/01 15:30
L7	160	1 and 5 and 6	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/01 15:39
L8	1	"5654566".pn.	FPRS; EPO; JPO; DERWENT	ADJ	OFF	2006/09/01 15:40
L9	1	"5654566".pn.	US-PGPUB; USPAT	ADJ	OFF	2006/09/01 15:40
L10	7067	spin\$1 near3 (filter\$6 or filtre\$6 or polariz\$5)	US-PGPUB; USPAT	ADJ	OFF	2006/09/01 16:29

## **EAST Search History**

L11	1022713	(semiconduct\$5 or semi adj conduct\$4 or GaAs or silicon or Si or indium or arsenide\$1 or InAlAs or InGaAs or gallium or gallium)	US-PGPUB; USPAT	ADJ	OFF	2006/09/01 16:31
L12	60623	(spin adj bulb or ((read\$3 or reproduc\$3) near2 (element or device\$1)) or mr or DOMR or mre or magneto adj2 (resistiv\$3 or resistance\$1) or magnetoresist\$5 or amr or magnetic\$4 adj2 (resistiv\$3 or resistance\$1) or SVMR or TuMR\$1 or CMR\$1 or GMR\$1 or spin adj2 valve\$1 or svmr\$1 or tjmr\$1 or tmj\$1 or tmr\$1 or mram\$1 or magnetic adj2 memor\$3 or magnetic adj random adj access adj memor\$3 or DSV or TJM or MTJ or macro adj magnetoresist\$5 or macromagnetoresist\$5 or piggyback or ((composite or combination or merged) adj4 head\$1)).ti,ab,clm. or "360/113" or 360/313-327.33.ccls. or 338/32\$2.ccls. or 324/207.21.ccls. or 324/252.ccls. or 365/171.ccls. or 365/173.ccls. or 428/811-811.5.ccls. or 148/108.ccls.	US-PGPUB; USPAT	ADJ	OFF	2006/09/01 16:31
L13	211311	(magnetic\$5).ti,ab,clm.	US-PGPUB; USPAT	ADJ	OFF	2006/09/01 16:32
L14	251392	12 or 13	US-PGPUB; USPAT	ADJ	OFF	2006/09/01 16:32
L15	1121	10 and 11 and 14	US-PGPUB; USPAT	ADJ	OFF	2006/09/01 16:33
L16	1030851	record\$3 or reproduc\$5	US-PGPUB; USPAT	ADJ	OFF	2006/09/01 16:33
L17	671	15 and 16	US-PGPUB; USPAT	ADJ	OFF	2006/09/01 16:33
L18	125	@ad<="20000611" and 17	US-PGPUB; USPAT	ADJ	OFF	2006/09/01 16:33
L19	16	spin\$1 near3 (filter\$6 or filtre\$6 or polariz\$5)	IBM_TDB	ADJ	OFF	2006/09/01 16:46